

Material Safety Data Sheet

1: Identification of the substance preparation and of the company

Manufacturer: Premcrete
26 Whitehall Road
Leeds
West Yorkshire
LS12 1BE

Tel: +44 (0) 800 6191619

Revision Date: 20/11/2013

Product Name: Epocote SF (Base Component)

2: Composition / Information on ingredients

CONTAINS:	CAS No	CONTENT	EC HAZARD	RISK PHRASE
Bisphenol A=epichlorhydrin Resin with No average M.W.,=700	25068-38-6	80-90%	Xi, N	R36/38,R43,R51,R53
C ₁₂ -C ₁₄ aliphatic Glycidyl Ether	68609-97-2	10-20%	Xi, N	R36/38,R43,R51,R53

Hazardous ingredients.

Reaction Product: Bisphenol A- Epichlorhydrin with ave. MW.>700, C₁₂-C₁₄ aliphatic glycidylether.

3. Hazard Identification

- Irritating to eyes and skin.
- May cause sensitisation by skin contact.
- Not classified as flammable but will burn.

4. First Aid measures

SKIN CONTACT: DO NOT DELAY. Remove contaminated clothing. Wash skin with water using soap if available. If persistent irritation occurs obtain medical attention.

EYE CONTACT: DO NOT DELAY. Flush eye with water. Obtain immediate medical attention.

INHALATION: No specific measures.

INGESTION: Do not induce vomiting. If rapid recovery does not occur obtain medical attention.

5. Fire– Fighters Measures

SUITABLE EXTINGUISHING MEDIA: Dry Chemical Powder, Carbon Dioxide, Foam, Water spray or Fog.

UNSUITABLE EXTINGUISHING MEDIA: Water in a jet.

EXPOSURE HAZARDS: Carbon Monoxide may be evolved if incomplete combustion occurs. Wear full protective clothing and self contained breathing apparatus.



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6. Accidental Release Measures

PERSONAL PRECAUTIONS: Avoid skin eye and clothing contact.

ENVIRONMENTAL PRECAUTION: Prevent contamination of soil and water. Prevent from spreading into drains, ditches or rivers by using sand, earth or other appropriate barriers.

METHODS FOR CLEANING: Absorb or contain liquid with sand, earth or spill control material. Shovel up and place in a labelled, sealable container for subsequent disposal.

7. Handling and storage

HANDLING: Avoid contact with skin ,eyes and clothing.

STORAGE: Keep container tightly closed and dry. Store at ambient temperatures.

8. Exposure Control / personal protection

EXPOSURE CONTROL LIMITS: None established.

HAND PROTECTION: PVC Gloves; Gauntlet Type.

EYE PROTECTION: Mono-Goggles

SKIN PROTECTION: Standard issue work clothes. Safety boots/shoes; Chemical resistant.



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9. Physical and Chemical properties

Melting point/range	Not available
Boiling point/range	170°C
Oxidising properties	N/A
Autoflammability	N/A
Solubility in water	Negligible
Vapour pressure	Not available
Partition coeff	Not available
Explosive properties	N/A
Appearance	Mild Straw
Odour	Slight
Density	Not available
Flashpoint	>200°C
Ignition	N/A
pH value	N/A
Viscosity	Not available

10. Stability and Reactivity

THERMAL DECOMPOSITION: Not applicable under normal conditions.

CONDITIONS TO AVOID: Temperatures above 95C.

MATERIALS TO AVOID: Acids, Strong Oxidising Agents, Caustic Soda.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide.

11. Toxological Information

LD50 Acute oral toxicity in rats: >2000mg/kg

Eye irritation tested in rabbits: Irritant.

LD50 Skin irritation tested in rabbits: Irritant.

Skin sensitization in guinea pigs: Skin Sensitizer.



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12. Ecological Information

- Prevents contamination of soil, drains or surface water.
- **LC50 Zebra Fish (96h):** Not available.
- **LC50 Rainbow Trout (96):** Not available.
- **EC50 Daphnia magna (24h):** Not available.
- **Biolog. Degradability (Sturm test) :** Not readily Bio-Degradable.
- **Algae Inhibition Test:** Not available.
- Material sinks in water and has the potential to Bio-accumulate.

13. Disposal considerations

- Recover or recycle if possible.
- Otherwise dispose to licensed disposal contractor.

14. Transport Information

RID/ADR: Class 9. No./ letter: 11/ C), UN3082, Environmentally Hazardous substance, Liquid, n.o.s.

IMDG-CODE: N/A.

IATA: N/A. Not dangerous for conveyance under UN, IMO, ADR/RID and IATA/ICAO codes.

Flashpoint: >200C.

15. Regulatory Information

Symbol	Xi, Irritant. N, Dangerous to the environment.
R36/38	Irritating to eyes and skin
R43	May cause sensitization by skin contact
R51	Toxic to aquatic organisms
R53	May cause long-term adverse effects in the aquatic environment.
S24	Avoid contact with skin
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28	After contact with skin, wash immediately with soap and water
S37/39	Wear suitable protective clothing, gloves and eye/face protection.
S61	Avoid release to the environment



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